

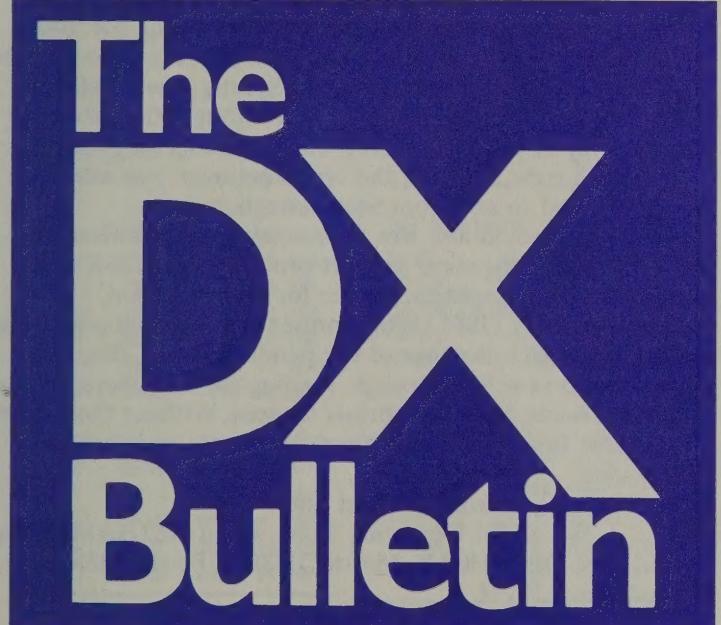
DXpedition News

Wake Island - KH9 Tom Harrell AL7EL will operate as AL7EL/KH9 May 17-24, on 80-6 meters. He expects most operation will be on 30, 40, and 80 meters, with additional emphasis on 6 meters. Usual DX frequencies: 3505, 3795, 7005, and 10105 kHz. QSL via the Alaska bureau or direct to Tom at 27257 Nellis Road, Evans Mills NY 13637.

Rwanda - 9X Mark ON4WW is currently active as 9X/ON4WW, until the end of June. He is on 3513 kHz at 2015Z and 1830 kHz at 2030Z for Europe and 1827 kHz at 0030Z for USA, listening up 1-2 kHz. QSL via ON5NT.

US Virgin Islands - KP2 George Oster NP2N operates from St. John Island (NA-106) May 3-9, mostly 40-meter CW with some activity on 20, 15, and 10 meters. QSL via the KP2 bureau to direct to W0ANZ.

Edited by Chod Harris VP2ML



America's Premier Weekly Amateur Radio Publication

Morocco - CN John I5JHW operates as CN2GB April 28-May 10, on all bands, SSB and RTTY. He will sign **CNSI** in the ARI contest May 6-7. Sergio I5NSR will join him May 5-10, operating **CN2SN**, mostly CW. QSL home calls. (DXNS.)

Pacific Tada JA1WPX will operate from several Pacific locations, concentrating on 7005 and 10105 kHz. QSL home call. His planned itinerary is:

FK New Caledonia April 28, May 6-7, May 9
FW Wallis & Futuna April 29-May 5
YJ New Hebrides May 7-8 (DXNS.)

Kermadec - ZL8 Barry G4MFW says he will transmit on 3798, 7080, 14195, 14260, and 21295 kHz, listening up, May 5-15. He hopes to extend his operating hours beyond the previous restrictions. QSL G4MFW/ZL8 via KA1JC. Donations appreciated.

April 28, 1995

Issue 786

Shortly Noted

- GR prefixes may be used for some special-events station in the UK, commemorating the 50th anniversary of the end of WWII. F/GR5SF (or maybe F5/GB5SF) will be aired by GW0ANA and others on May 8. QSL to GW0ANA. (DXNS.)
 - AI5P/VP2E will be active from Anguilla May 11-18. QSL home call. (LNDX.)
 - VU2JPS/VU7 on the Andamans has been noted on 14196 kHz at 0200Z.
 - 8Q7BV is operated by HB8DIF until May 6. (This is a change in the previously announced dates.) (DXPress.)
 - II4ARI marks the 100th anniversary of the invention of radio, May 19-22. QSL via IK4QIB.
 - PA5MEI May 1-13 will mark the 50th anniversary end of WWII, operated by the Vereniging van Radio Zendamateurs, the Dutch amateur radio society. 28 stations will use the special prefix PI45 during the entire month of May. The Liberation Award is available to stations outside of Europe who work PA5MEI or any two of the PI45 stations. Send your log extract and US\$10 to Ad de Bok PE1EBJ, P. O. Box 56, 5320 Ab Hedel, The Netherlands.
 - YL100R marks 100 years of radio to May 21 from Riga, Latvia. They'll be on all HF bands, especially 160 and 80 meters and the new bands. Special QSLs are available from P. O. Box 100, Riga 7, Latvia LV-1007.
 - 4U0ITU will be a multi-op entry in the WPX CW test. Operators HA6OI, HA6ZV, HA6NY, and HA2RX will be in Geneva May 25-29, operating on 160-70cm, CW, SSB, and RTTY.
 - D6: OPDX reports that IK2GNW will operate from the Comoros May 1-7, mainly SSB on 160-40 meters and the new bands. QSL home call.
 - FI: Prior to the above operation, IK2GNW will operate for a couple of days from Mayotte.
 - H44/JA1OEM is active from the Solomons to May 8, on all bands, CW and SSB. QSL home call. (OPDX.)
 - 9U/F5FHI is back in Burundi, and has been spotted in Europe on the high bands. QSL via home call.
 - SSB Nets: 14226 (1530, 1900Z): TU2DP XT/TU5BA 9X/VE9OM TJ1PD SU1ER.
 - RTTY: 9M8BT is often on 14086 kHz at 1500Z. Spots: IIS0ZAR 14083 1730Z; J28JJ 14086 1810Z; TY1PS 14086 2240Z; VP8CQS 14081 2330Z; XU95HA 21082 1000Z; C91A 14091 1600Z; 5R8DS 14083 1705Z; V73C 14083 0210Z.
- Islands On The Air**
- JR0GFM/6 is active from Tsushima (AS-036) May 4-6, on 14260 and 14030 kHz, running QRP. QSL home call.
 - TM6YEU is the possible Yeu Island (EU-064) callsign of F5IWE April 28-May 1. (425 News.)
 - KL7UQ is a resident on the Beaumont Sea Coast group (NA-004). Try 7083 kHz at 0430Z. (425 News.)
 - W1/G4DZC, KC1YR, and KA1USL will operate from Nantucket (NA-046) May 5-8. QSL home calls.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before			55 Days Before				
		Date	Flux	A	K	Date	Flux	A	K
April, 1995									
28	High Normal	4/1	75	06/10	3	3/4	89	14/18	3
29	Low Normal	4/2	76	16/18	1	3/5	84	12/14	2
30	Above Normal	4/3	75	00/03	0	3/6	84	04/06	0
May, 1995									
1	Above Normal	4/4	73	02/03	0	3/7	84	02/04	0
2	High Normal	4/5	72	07/07	2	3/8	81	02/04	1
3	High Normal	4/6	72	03/04	2	3/9	78	13/12	4
4	Disturbed	4/7	71	46/78	4	3/10	79	14/13	2
5	Disturbed	4/8	72	23/34	2	3/11	76	20/20	3
6	Low Normal	4/9	73	17/20	2	3/12	76	28/28	3
7	Low Normal	4/10	74	22/22	2	3/13	77	28/33	4
8	Low Normal	4/11	78	16/20	4	3/14	79	16/18	2
9	High Normal	4/12	82	14/14	2	3/15	81	11/14	2
10	High Normal	4/13	83	07/09	0	3/16	84	08/12	1
11	Above Normal	4/14	88	03/05	1	3/17	83	07/10	2
12	Above Normal	4/15	91	01/05	0	3/18	92	03/06	0
13	Above Normal	4/16	89	02/05	1	3/19	84	02/07	1
14	Above Normal	4/17	89	04/05	1	3/20	89	02/06	1
15	Above Normal	4/18	90	07/10	3	3/21	90	01/04	0

Propagation Watch

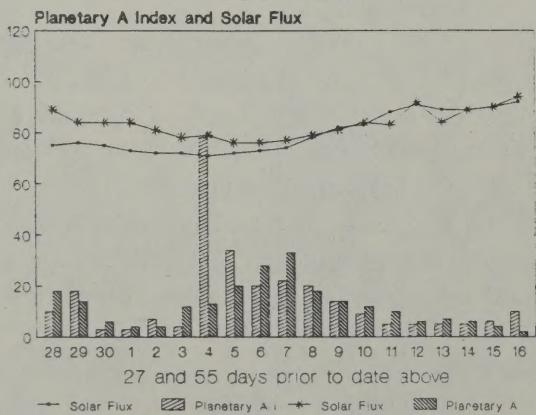
A completely spotless sun, solar flux levels near their theoretical minimum, and geomagnetic storms. Sounds like a DXer's nightmare. Unfortunately, that bad dream was a reality last weekend. The geomagnetic storm was limited to high latitudes, but that wipes out long-path openings and many useful long-haul paths.

The lack of sunspots leads to very low solar flux levels, and hence to lower maximum usable frequencies. 17 meters was the highest usable band for most DXing, except for some north-south paths.

We expect considerable improvement in band conditions over the next few days. Make the most of any such improvement, as another period of below-average conditions is predicted for next week. The we look for considerably better propagation going into the next week. If the solar flux does increase as expected, try CQs in likely directions on 15 meters.

The low bands are fading, but still are well worth checking. The weak ionosphere has reduced absorption and signal levels are copiable. Good hunting!

Solar Data



BS7H Scarborough Reef Report

The BS7H DXpedition team has safely returned to the Philippines as of Monday morning, 17 April. Full documentation for this operation is being sent to ARRL, and the DXpedition story will be presented at both the Visalia International DX Convention and the Dayton Hamvention. Special limited-edition BS7H QSL cards will also be issued at these events.

The bands were full of DXcitement when the Chinese operators took to the air with their straight keys, making more than 1,000 of the nearly 12,000 total QSOs during the 80 hours of operation. As an indication of their support for this operation, the PRC government sponsored these BY operators—including their air fare. Follow-up BY operations from Scarborough are expected in 1996.

While the operation enjoyed excellent weather and good radio propagation conditions, technical problems with the amplifiers could not be avoided. ETO supplied two Alpha 91B amplifiers for severe environmental testing during this operation, but unfortunately they failed.

We would like to thank the BS7H safety support team, representing several countries bordering the South China Sea. These arrangements were made as a precaution due to the current dispute in the Spratly Islands, slightly more than 300 miles south of Scarborough. Captain Tony Hookway of the 70-foot MV Tabibuga, together with his five-man crew, saw that the operating team was safely transported to and from Scarborough.

We would also like to recognize the significant financial and logistical support provided by JA1BK and DU9RG. The logistical budget for this operation, approximately US\$13,000, represents more than one dollar for each QSO. Because of the pending DXCC country application for Scarborough, funding for this operation was not available from the normal sources. Without the support of these Believers, this DXpedition would not have been possible.

See you from the next one!

The BS7H Operating Team: Chen BZ1HAM, Wang BZ1OK, Olli OH0XX, Martti OH2BH, Petri OH2KNB, and Tim KJ4VH.

Minimum Size Rule Adopted for DXCC

The ARRL Awards Committee voted 5 to 2 to accept a modified ARRL DX Advisory Committee (DXAC) recommendation to add a minimum-size rule to Point 2 (Separation by water) of the Countries List Criteria in the DXCC rules.

This change adds the following paragraphs to the existing rules under point 2:

"(c) An island is defined as a naturally formed area of land surrounded by water, the surface of which is above water at high tide. Rocks which cannot sustain human habitation shall not be considered for DXCC country status.

"(d) An island must meet or exceed size standards. To be eligible for consideration, the island must be visible, and named, on a chart with a scale of not less than 1:1,000,000. Charts used must be from recognized national mapping agencies. The island must consist of a single unbroken piece of land not less than 10,000 square feet in area, which is above water at high tide. The area requirements shall be demonstrated by the chart."

B • A • N • D • P • A • S • S

*Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.*

S	M	T	W	T	F	S
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	1	2	3	4	5	6
7	8	9	10	11	12	13

RTTY

9M8BT	14086	1515	14	MN
9V1ZS	14089	1729	15	MN
EA8AFJ	14088	2050	11	MN
FG7GH	14083	0010	11	MN
PY0ZFB	14080	0401	15	MD
SP7IIT	14088	1625	14	MN
VP8CQS	14082	2051	14	MN

160 Meters

4X4NJ	1829	0312	12	WV
EA8PP	1828	0436	6	WV
KG4ZE	1824	0050	8	GA
SV8ZS	1835	0411	11	WV
VK3ZL	1840	1218	20	MT
VK6AS	1840	1217	20	MT
VK7BC	1830	1014	16	WV
Y03APJ	1831	0318	12	WV

80 Meters

CO2PL	3503	0945	10	NH
HJ0VGJ	3515	0354	13	WV
JA1CGM	3502	1030	14	NH
JA1HQT	3501	1025	13	NH
JA7BXS	3505	1022	16	NH
UA0JBS	3508	1020	16	NH
VK2BJ	3503	1030	15	NH
VK2BPN	3505	0900	16	NH
VK6WJ	3506	1025	16	NH
VK9NS	3506	0945	16	NH
ZL2AGY	3504	1035	14	NH
ZL3NE	3505	0920	13	NH
ZL4DU	3511	1000	8	NH
ZL4IE	3512	0955	9	NH
ZL4OK	3507	0955	14	NH
ZS6QU	3505	2235	14	NH

75 Meters

VK9NS	3799	0958	16	AR
VP2MFS	3798	0202	13	VA
XU7VK	3765	1100	16	AR
YV5ABL	3794	1016	10	VA

40 Meters

3B8CF	7002	0300	15	MO
7P8SR	7013	0209	13	WV
9K2ZZ	7001	2200	14	VA
A71CW	7019	2325	17	VA
CT3FT	7005	0719	15	IL
DU7CC	7007	1328	12	ID
EA8CN	7010	2313	11	SC
ES1WN	7014	0255	21	GA
EU1AA	7001	0250	21	GA
FG5ED	7002	0400	11	VA
FK8FU	7003	1135	14	VA
FR5HG/E	7009	1427	13	CA
HH2AW	7006	0319	15	ID
HJ0VGJ	7010	0320	12	CA
HS1AAM	7005	1130	14	CA

KC4/	7021	0815	15	IL
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UA3YH	Antarctica			
KG4ZE	7009	0048	10	CA
KG4ZE	7009	1125	15	WV
OZ1CQX	14086	1832	16	MN
P29PL	7011	1055	16	MO
PZ1DT	7012	0500	8	GA
PZ1DY	7012	0143	16	MN
RA0FU	7003	1120	20	IA
RW1ZZ	7005	0323	15	MN
SU1MT	7001	2345	23	GA
TA2DS	7002	0007	18	FL
TA2FE	7006	0009	18	FL
TU2XZ	7011	0250	15	MO
UN5PR	14085	0117	16	MN
V44GA	14030	2230	16	NH
V44KAI	7005	0050	13	MO
VK6VZ *	7002	1245	9	MO
VP8CQS	7002	2305	12	VA
VR2NR	7005	1500	11	CA
XU95HA	7085	1038	13	AR
YC9XR	7010	1507	13	ID
YZ50AA	7004	2300	14	NH
ZA1AJ	7007	0420	14	IL
ZS6KT	7010	0440	12	VA

30 Meters

4K8F	10107	2358	17	FL
5B4OG	10121	0136	16	GA
C53HG	10101	2150	13	SC
CP8XA	10103	1123	11	AL
CP8XA	10100	2214	3	NY
EA8CN	10103	2055	7	SC
EA9PB	10101	2051	7	SC
J28FD	10108	0020	21	GA
R1FJL	10103	1350	13	ID
R1FJL	10109	2346	17	FL
TU2MA	10101	0110	12	GA
VK6HG	10117	0010	14	GA
VK6HQ *	10103	0020	8	MO

20 Meter CW

3A2CC	14007	1624	15	VA
3D2ER	14015	0418	17	UT
4K8F	14018	0320	17	IA
4S7WP	14019	0130	16	IA
4S7WP	14027	1703	13	VA
4X3A	14013	1523	16	UT
9K2MU	14007	1800	12	NH
9V1ZV	14025	1220	14	IL
9V1ZY	14022	1431	14	VA
A71CW	14024	2118	16	GA
A71EZ	14021	2314	16	FL
BV2TA	14010	1133	16	MA
C53HG	14013	2120	8	GA
CN2SM	14013	1333	9	GA
CN8BK	14002	2242	18	FL
CP4TB	14014	2309	12	MD
CX4VM	14021	0010	12	ID
DU1KK	14008	1208	16	FL
ET3BN	14033	2033	14	VA
EW1WZ	14017	1440	14	NH
EX2M	14027	0115	7	GA

EX8MD	14021	0230	15	GA
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FG5FR	14018	2255	11	ID
FR5DD	14026	1253	18	ID
FR5DD	14018	2153	16	WI
HI3Y	14026	2250	14	NH
HK0ER	14005	2317	16	FL
J28FD	14002	0010	21	GA
JW0H	14013	0255	22	GA
JW0H	14011	1425	16	GA
KC4/	14020	0322	16	MA
UA3YH	Antarctica			
OX3KV	14008	1300	13	NH
OX3RA	14025	1315	13	NH
OX3XO	14016	0010	9	GA
OX3XO	14010	1920	13	VA
OX3XR	14026	2131	17	FL
OY3QN	14025	1315	13	NH
RK0QXY	14020	0025	15	MN
RK9JWE	14023	0250	16	CA
RW9IM	14225	1200	15	NH
RW9IRW	14025	1130	15	NH
RX1OX/	14009	1320	17	IA
FJL	14010	2358	13	CO
RZ9UA	14022	0039	17	UT
S92YG	14007	2115	13	VA
TF3DX	14016	2253	19	FL
TF3GC	14023	2345	17	IA
TJ1JB	14030	2045	5	NY
TU2CI	14015	1643	8	SC
TU2XP	14017	2123	10	CO
TU4EY	14005	2230	18	FL
UA0KAQ	14026	0456	18	UT
UA0QFC	14033	0516	18	UT
UA0YWW	14017	0158	20	FL
UK8IZ	14005	0155	20	IA
UN7BEK	14022	0159	20	FL
UN7FW	14026	0135	19	IA
UN7JJ	14017	0110	18	IA
UN7R	14016	0155	16	GA
UN8CWA	14009	0150	19	FL
V44KAO	14028	2149	19	FL
V73C	14032	0237	16	GA
VK6DX *	14014	2333	17	FL
VK6HQ *	14032	0158	17	UT
VQ9TP	14025	1539	9	ID
VQ9XX	14025	1910	23	GA
YI9CW	14007	1810	18	IA
YO4KCA	14018	1428	14	ID
YS1ZV	14007	2315	9	GA
ZA1AJ	14005	1639	8	SC
ZA1AJ	14018	2142	17	FL
ZP5ALI	14023	2318	12	MD
ZP6CW	14025	2252	17	FL

20 Meter SSB

4X1CB	14244	1741	16	MD
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QSLs Received

- From managers: 3DA0Z (ZS6EZ, 4 MOS); 3V8BB (JF2EZA, 4 MOS); 9G5MT (WY7K, 5 MOS); DL5XX/HC8 (DL5XX, 1 MO); FJ/N9SW (N9SW, 1 WK); KC6CS (JE1JKL, 5 MOS); P40MR (VE3MR, 10 DAYS); ST2JM (WA4JTK, 3 WKS); VP8CRC (W4FRU, 3 MOS); VP8SGP (W4FRU, 10 WKS); VQ9XX (WY8Q, 1 MO); VS6WV (K0TLM, 7 MOS); YB2ARW (W4LCL, 3 WKS); Z32JA (WA4JTK, 3 WKS); ZL7ZB (DJ4ZB, 2 WKS).

Current and Future DXpeditions

(Changes and hot info in boldface.)

DXCC Country	Prefix	Callsign	Dates	Issue
Afghanistan	YA/	UT9XL	now active	I782
Andamans	VU7	VU2JPS	14196 02Z	I786
Anguilla	VP2e	AI5P/	May 11-18	I786
Ascension	ZD8	ZD8WD	Mar. -Sept.	I776
Bahamas	C6	C6AGN	Apr. 22-May 24	I783
Burundi	9U	/F5FHI	now active	I786
Cape Verde	D4	D44BC	June 1-13	I785
Coromos	D6	D68QM	Feb. 20+	I776
		IK2GNW	May 1-7	I786
Galapagos	HC8/	DLs	Apr. 25-May 14	I782
ITU Hq.	4U0ITU		May 25-29	I786
Jamaica	6Y	GW4OFQ	Apr. 30-May 9	I785
Kermadec	ZL8	G4MFW/	May 5-15	I784/6
Lebanon	OD5	OH1NOA/	to Aug.	I771
Madagascar	5R	5R8DL	Apr. 28-May 4	I783
Maldives	8Q	HB9DIF	to May 6	I780/6
		8Q7AI?	Apr. 12-27	I782
Mayotte	FII	IK2GNW	Apr. 30-May 1	I786
Morocco	CN	CN2GB+	Apr. 28-May 10	I786
Nepal	9N1/	9N1MWU	Apr. 26-May 10	I782
New Caledonia	FK	/JA1WPX	May 6-7+	I786
New Hebrides	YJ	JA1WPX	May 7-8	I786
Nigeria	5N	/SP5XAR	to mid-May	I784
Rwanda	9X	/ON4WW	thru June	I786
St. Kitts & Nevis	V4	V47XC	to May 10	I785
St. Lucia	J6	/DK1RP	Apr. 11-29	I780
St. Pierre	FP	TO7I?	Apr. 27-May 6	I784
Sao Tomé	S9	S92YL	15/17M SSB	19-21Z
St. Maarten	PJ7/	AI5P+	May 3-10	I785
Solomons	H44	/JA1OEM	to may 8	I786
Sri Lanka	4S7	/IB9BRM	to Apr. 27	I784
Tanzania	5H	OH2BBF	to mid-June	I784
Tokelau	ZK3	ZL1AMO	April?	I781
US Virgin Islands		NP2N	May 3-9	I786
Wake Island	KI9	AL7EK/	May 17-24	I786
Wallis & Futuna	FW	JA1WPX	Apr. 29-May 5	I786
Western Sahara	S0	4U/KC0PA	now active	I784

Contributors

This Issue made possible by: AB8K, AL7EL, DXNS, G4MFW, JR0GFM, K0DEQ, K4BAI, K4II, K4IQJ, K4LNA, K4OD, K5OVC, K6LEB, K7UOT, K8JLF, K8OQL, KA7T, KB1NS, KG6I, KM6FW, KM9J, KS0M, KZ0X, LNDX, N0ZEM, N2GLH, N4UU, NP2N, ON6TT, OPDX, PA3BIZ, W0JRN, W0RXL, W1NH, W1WA, W4GTS, W4VQ, W6AJJ, W7AYY, W7LR, W8MEP, W9HAO, W9RXJ, WB3ECU, WB8ZRL, WD0GLF, YL2DX, and WU6T. Many thanks!

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
80 Meters	ZL4OK	3505	1000Z
80 Meters	ZL3NE	3505	0920Z
80 Meters	JA7BXS	3506	1020Z
Azerbaijan	4K8F	10104±	0000Z
Cambodia	XU7VK	3765	1100Z
El Salvador	YS1ZV	14006	2315Z
Estonia	ES1WN	7012±	0300Z
Fiji	3D2ER	14015	0400Z+
Franz Josef Land	RX1OX/FJL	14011±	0000Z
Gabon	TR8IG	14175±	2230Z+
Gambia	C53HG	10105±	22-0200Z
Ivory Coast	TU2MA	10101	0100Z
Ivory Coast	TU2XZ	40M CW	03-0400Z
Ivory Coast	TU4EY	14005	2230Z+
Kuwait	9K2MU	14005±	1800Z+



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Kyrgyzstan	EX2M	14028	0100Z+
Lesotho	7P8SR	40M CW	02-0500Z
Madeira Island	CT3FT	7004	0700Z
Nigeria	5N8NDP	14200±	2300Z
Paraguay	ZP6CW	14025	2300Z
Qatar	A71CW	40M CW	2330Z+ Mon.
Qatar	A71CW	14024	21-0000Z
San Andrés	HJ0VGJ	7011	0320Z
Singapore	9V1ZV	14020±	12-1600Z
South Shetlands	VP8CQS	7002	2300Z+

DX Operating Events and DX Gatherings

Apr. 28-30	Dayton Hamvention®
April 29-30	Switzerland DX Contest
April 29030	SPDX RTTY Contest
May 6-7	ARI Intentional DX Contest
May 13-14	MIR Russian Contest
May 27-28	CQWW WPX CW Contest
June 17-18	Asian CW DX Contest